



New Hampshire Geological Survey Summary of Groundwater Levels



February 2017

During the last week of each month, the New Hampshire Geological Survey and its volunteers, measure the **water levels** (**distance to the well's water below the land surface**) in the 30 wells currently in our network. 19 of those wells are constructed in the soils on top of the bedrock, i.e. overburden wells. Between February 24 and February 28, 2017 the following measurements were taken.

Overburden well water level summary for February 2017

| Town | Well # | Well depth in feet | Water level for previous month | Current Water level for February 2017 in feet | Water level change since previous month in feet (+ is up, - is down) | Water level for February 2016 in feet | Water level change compared to February last year in feet (+ is up, - is down) |
|----------------------------|---------|-----------------------|--------------------------------------|---|--|--|--|
| Albany | ADW-14 | 79.5 | -6.38 | -6.94 | -0.56 | -6.08 | -0.86 |
| Albany | ADW-15 | 18.0 | -8.39 | -8.83 | -0.44 | -7.94 | -0.89 |
| Barnstead | BAW-10 | 25.0 | -2.66 | -2.69 | -0.03 | -2.32 | -0.37 |
| Campton | CBW-34 | 107.0 | -13.72 | -14.01 | -0.29 | -12.45 | -1.56 |
| Colebrook | CTW-73 | 27.0 | -7.56 | -7.60 | -0.04 | -7.32 | -0.28 |
| Concord | CVW-02 | 60.0 | -42.93 | -43.03 | -0.1 | -41.57 | -1.46 |
| Concord | CVW-04 | 40.7 | -18.79 | -18.79 | 0 | -17.35 | -1.44 |
| Deerfield | DDW-46 | 47.5 | -39.39 | -39.21 | 0.18 | -39.32 | 0.11 |
| Epping | EPW-90 | 37.8 | -29.15 | -28.87 | 0.28 | -29.05 | 0.18 |
| Franklin | FKW-1 | 52.3 | -16.28 | -16.51 | -0.23 | -12.25 | -4.26 |
| Greenfield | GSW-75 | 68.0 | -65.09 | -65.17 | -0.08 | -63.24 | -1.93 |
| Lisbon | LLW-19 | 42.0 | -12.31 | -13.52 | -1.21 | -10.58 | -2.94 |
| Nashua | NAW-218 | 42.5 | -30.30 | -28.90 | 1.4 | -28.15 | -0.75 |
| New Durham | NFW-53 | 60.0 | -19.06 | -19.27 | -0.21 | -18.84 | -0.43 |
| New London | NLW-1 | 21.0 | -12.05 | -10.98 | 1.07 | -7.36 | -3.62 |
| Newport | NPW-03 | 57.0 | -7.59 | -7.58 | 0.01 | -6.31 | -1.27 |
| Newport | NPW-06 | 21.0 | -7.73 | -7.63 | 0.1 | -6.39 | -1.24 |
| Ossipee | OXW-38 | 115.0 | -36.04 | -36.16 | -0.12 | -35.55 | -0.61 |
| Shelburne | SJW-2 | 40.7 | -5.24 | -5.39 | -0.15 | -5.85 | 0.46 |
| | | | | | -0.02 | | -1.22 |

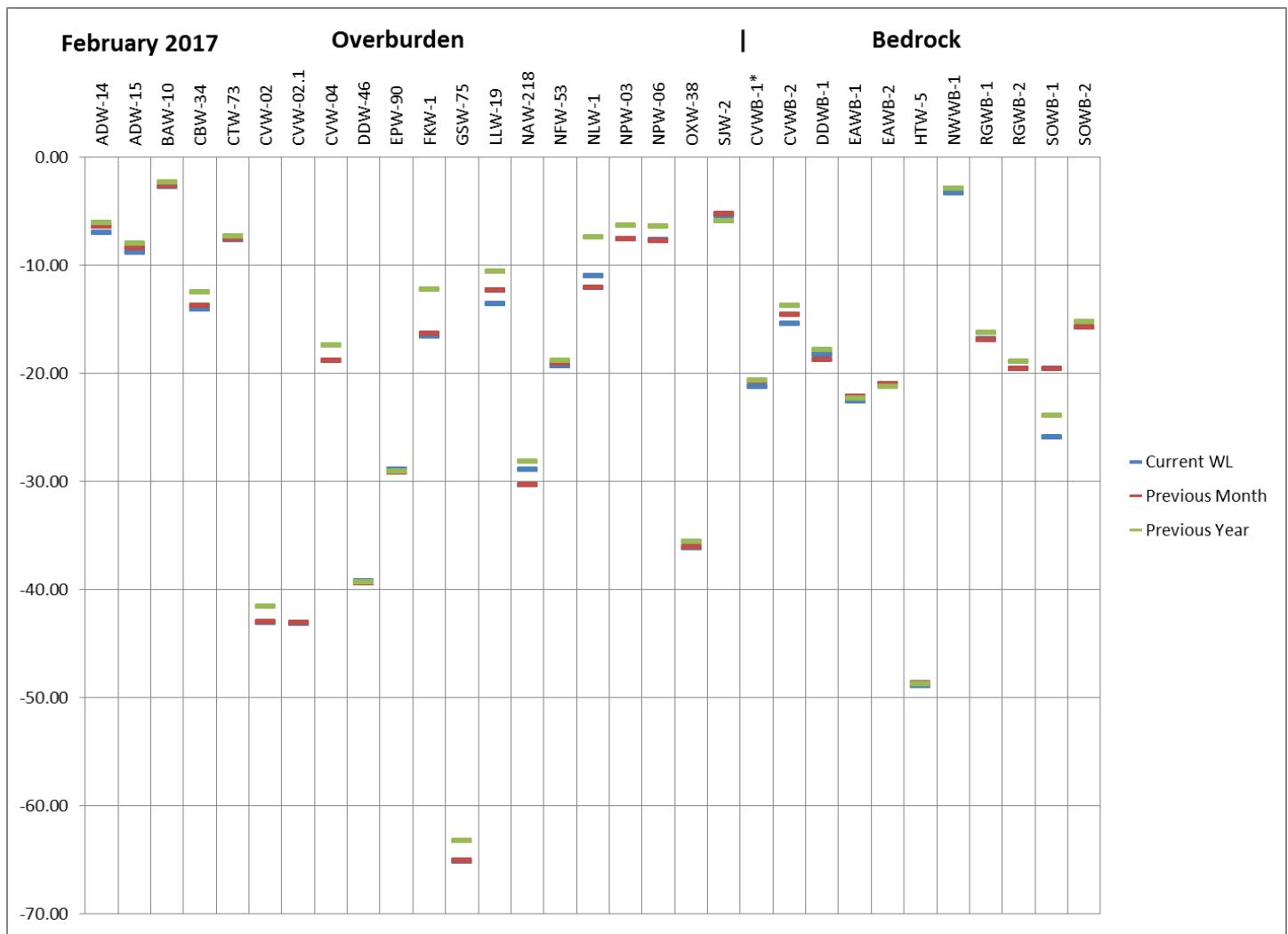
Overall
change
since
previous
month in
feet

Overall
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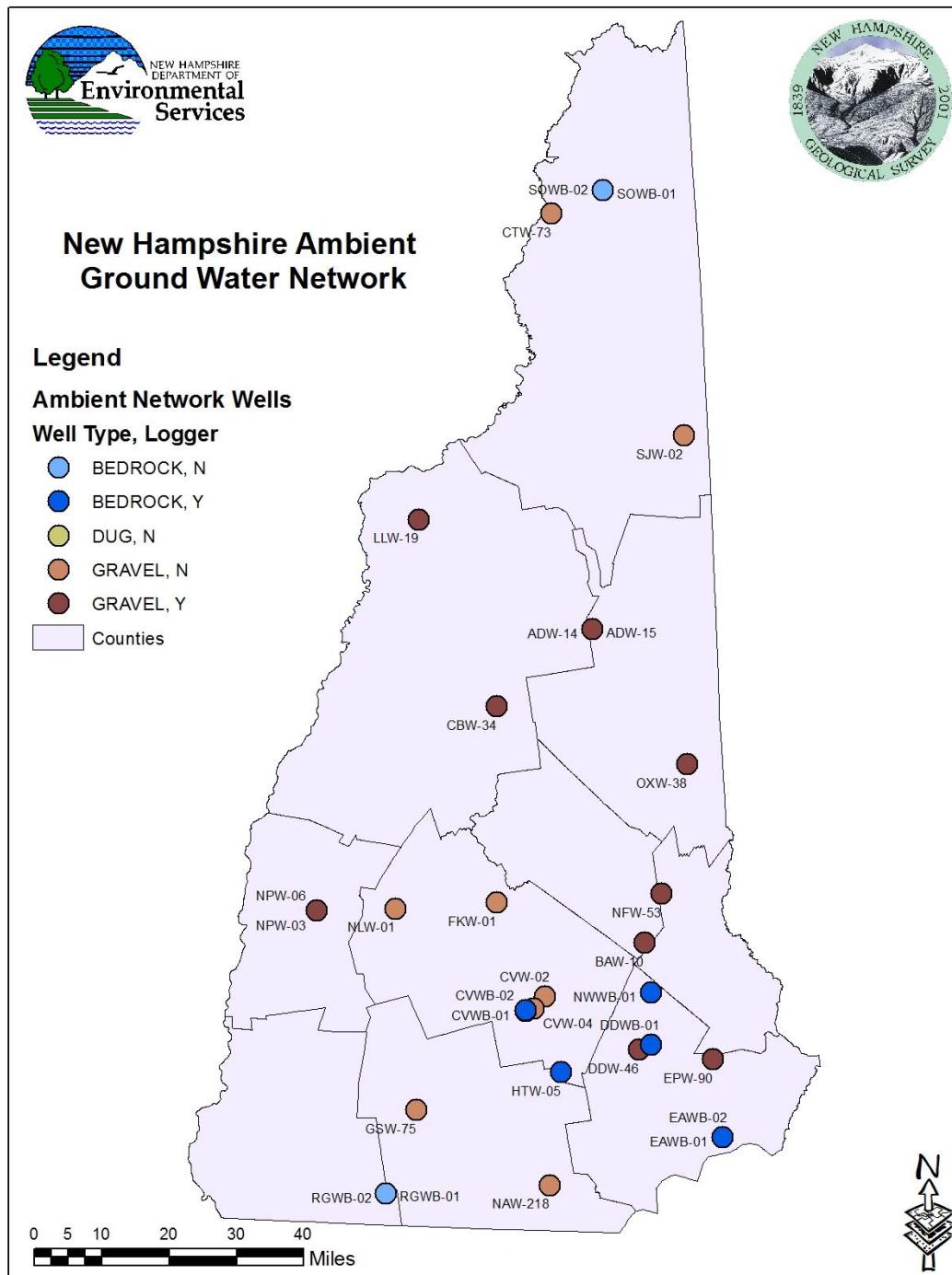
11 of the wells in the NHGS Network are wells drilled into the bedrock, the solid rock under the soil.

| Bedrock well water level summary for February 2017 | | | | Water level change since previous month in feet (+ is up, - is down) | Water level for February 2016 in feet | Water level change compared to February last year in feet (+ is up, - is down) |
|---|---------|--------------------|--------------------------------|--|--|--|
| Town | Well # | Well depth in feet | Water level for previous month | Current Water level for February 2017 in feet | Water level for February 2016 in feet | Water level change compared to February last year in feet (+ is up, - is down) |
| Concord | CVWB-1* | 480 | -20.75 | -21.21 | -0.46 | -20.64 |
| Concord | CVWB-2 | 315 | -14.59 | -15.37 | -0.78 | -13.74 |
| Deerfield | DDWB-1 | 300 | -18.71 | -18.20 | 0.51 | -17.83 |
| East Kingston | EAWB-1 | 473 | -22.16 | -22.58 | -0.42 | -22.31 |
| East Kingston | EAWB-2 | 323 | -20.93 | -20.96 | -0.03 | -21.19 |
| <u>Hooksett</u> | HTW-5 | 102.7 | -48.62 | -48.86 | -0.24 | -48.68 |
| Northwood | NWWB-1 | 130 | -2.85 | -3.26 | -0.41 | -2.85 |
| Rindge | RGWB-1 | 401 | -16.85 | -16.83 | 0.02 | -16.20 |
| Rindge | RGWB-2 | 285 | -19.58 | -19.55 | 0.03 | -18.92 |
| Stewartstown | SOWB-1 | 453 | -19.57 | -25.85 | -6.28 | -23.88 |
| Stewartstown | SOWB-2 | 303 | -15.70 | No data | No data | -15.18 |
| | | | | | -0.81 | -0.64 |
| | | | | | Overall change since previous month in feet | Overall change since last February in feet |

This graph shows a comparison of the **current water level** in each well, compared to **last month** and **last year's reading**.



This map shows the location of the NHGS Monitoring Wells in New Hampshire.



For further information regarding each of these wells, click on the (blue) Town names in the two tables above.

Many of these well locations and their well data are also shown at:

<http://groundwaterwatch.usgs.gov/netmapT2L1.asp?ncd=NHV>

If you wish to talk with someone re these wells, contact the NH Geological Survey at: geology@des.nh.gov